

## Phospho-CFL1-Y139

**Reactivity:** Human Mouse Rat

**Tested applications:** IHC

**Recommended Dilution:** IHC 1:50 - 1:100

**Calculated MW:** 19kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding Y139 of human CFL1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

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**Synonym:**

CFL;

**Catalog #:** AP0330

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 1072

**Isotype:** IgG

**Swiss Prot:** P23528

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene can polymerize and depolymerize F-actin and G-actin in a pH-dependent manner. Increased phosphorylation of this protein by LIM kinase aids in Rho-induced reorganization of the actin cytoskeleton. Cofilin is a widely distributed intracellular actin-modulating protein that binds and depolymerizes filamentous F-actin and inhibits the polymerization of monomeric G-actin in a pH-dependent manner. It is involved in the translocation of actin-cofilin complex from cytoplasm to nucleus.

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